

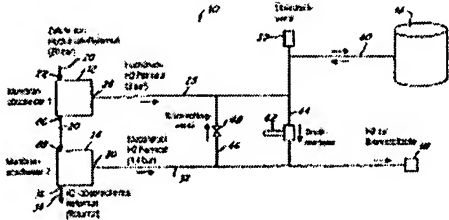
On board fuel reformer system for fuel cells of vehicles, has several diaphragm hydrogen separation systems

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Abstract of DE10116753
The on-board fuel reformer system has several diaphragm hydrogen separation systems. The fuel reformer system includes two hydrogen cleaning units connected with each other. The first hydrogen cleaning unit (12) produces a first hydrogen flow with a first pressure. The second hydrogen cleaning unit (14) produces a second hydrogen flow with a second pressure. The first hydrogen flow is supplied to a metal hydride storage bed (16), in order to charge this. The hydrogen in this bed reacts in combination with the supply of a fuel cell to the second hydrogen flow. Independent claims are included for supplying a fuel cell with hydrogen.



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